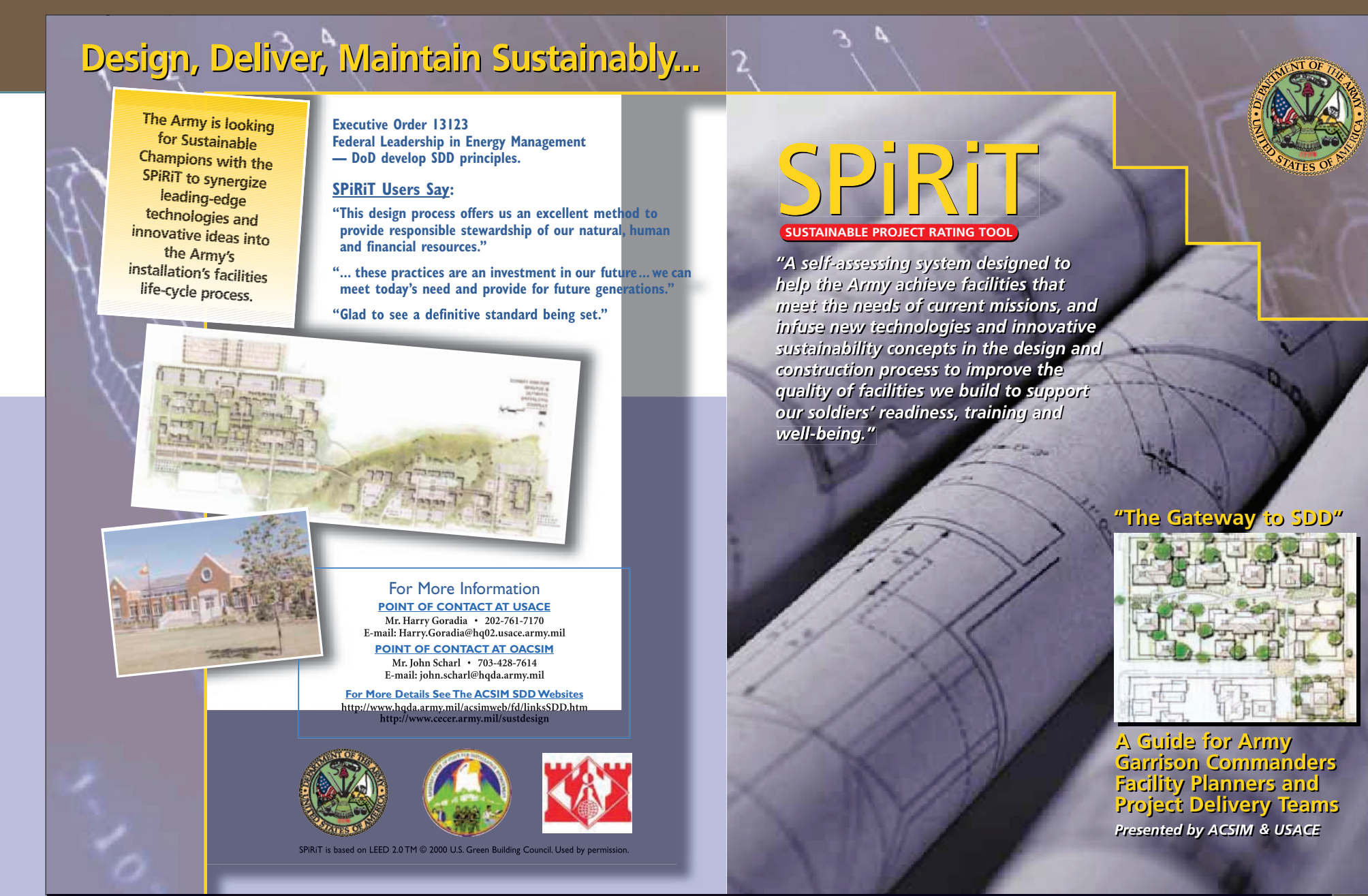


SEMS Goal #7

All applicable facilities at Fort Carson will be high performance buildings that meet or surpass the Platinum Standard of SPiRiT or LEED



Future Initiatives:

- Meet Bronze level SPiRiT ratings (work towards Silver) in all future renovations.
- Focus future design decisions on life cycle costing versus first cost.
- Evaluate all heating, ventilation and air conditioning (HVAC) system designs for energy efficiency opportunities.

Green Building

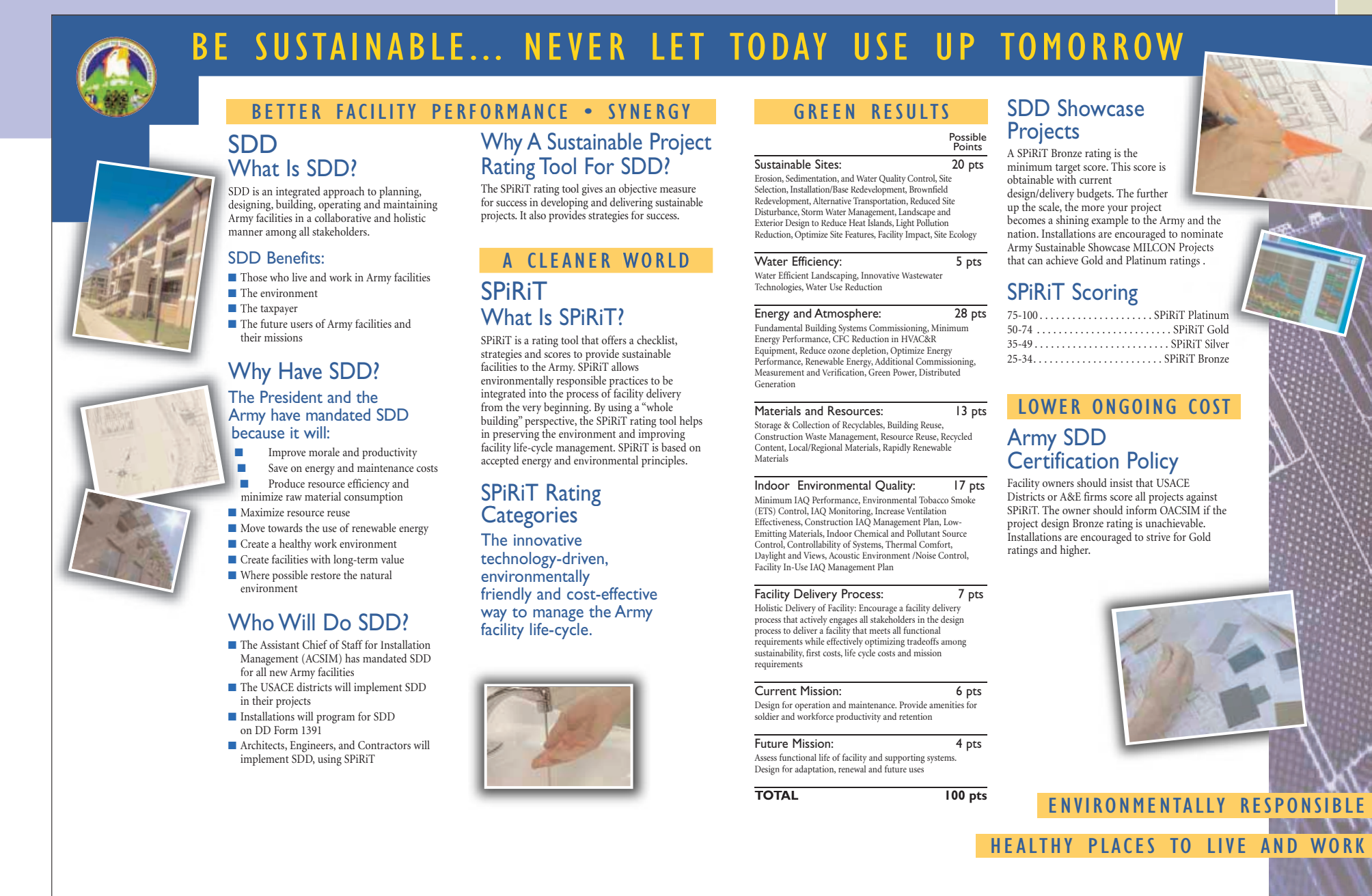


Golf Course Clubhouse



Accomplishments:

- Sustainable features incorporated into the renovation of the 'rolling pin' barracks.
- SPiRiT training for engineering personnel.
- Recently used energy efficient, indirect evaporative cooling system in the renovation of two dining facilities.



Front and back of SPiRiT brochure



Rolling pin barracks renovations:
Demolition of all interior work, exterior windows, power, plumbing, heating, lighting and finishes. Saved the structure, exterior walls, utilities, parking lot and trees.

New systems:

- Individual HVAC units with controls in each room
- Steel exterior walkways on columns
- Steel roofing system
- Exterior ballistic glass
- Utility corridor plumbing and exhaust for easy maintenance
- Steel studs and gypsum walls make future renovation easier than concrete block walls



Questions:

How can Fort Carson provide quality of life improvements while still saving energy and money?

What sustainable features can be included in future projects that do not have high first costs?

For more information, call the SEMS Training/Sustainability Hotline at 526-4340 or log on to <http://sems.carson.army.mil>

SPiRiT = Sustainable Project Rating Tool
LEED = Leadership in Energy and Environmental Design